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6-17-2004
Date

Anna M. Matthews
Anna M. Matthews

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	10/674,830	Confirmation No.:	4469
Applicant	:	John K. Roberts		
Filed	:	September 30, 2003		
TC/A.U.	:	2823		
Examiner	:			
Docket No.	:	GEN10 P-422A		
Customer No.	:	028,469		

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

Dear Sir:

Pursuant to 37 CFR §§1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached substitute form 1449A/PTO. This Information Disclosure Statement is being filed more than three months after the filing date of the above referenced application but, to the undersigned's knowledge, before the mailing date of a first Office Action on the merits for the above referenced application.

A copy is attached for each listed foreign patent document. An English translation is enclosed for each non-English document. As the Office has waived the requirement under 37 CFR §1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent

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application publication, copies of the listed U.S. patents and each U.S. patent application publication document are not included with the submission of the attached form. Applicant respectfully requests that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 16-2463.

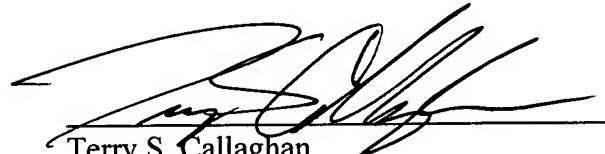
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Page : 3

Respectfully submitted,

JOHN K. ROBERTS

By: Price, Heneveld, Cooper,
DeWitt & Litton LLP

6-17-2004
Date


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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/674,830
Filing Date	09/30/2003
First Named Inventor	John K. Roberts
Art Unit	2823
Examiner Name	
Attorney Docket Number	GEN10 P-422A

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,335,548	11/14/1978	O'Brien et al.	
		US- 4,267,559	05/12/1981	Johnson et al.	
		US- 4,486,364	12/04/1984	Takahashi	
		US- H445	03/01/1988	Bock et al.	
		US- 4,809,053	02/28/1989	Kuraishi	
		US- 5,032,898	07/16/1991	Bowen et al.	
		US- 5,055,892	10/08/1991	Gardner et al.	
		US- 5,057,903	10/15/1991	Olla	
		US- 5,113,232	05/12/1992	Itoh et al.	
		US- 5,130,531	07/14/1992	Ito et al.	
		US- 5,173,839	12/22/1992	Metz, Jr.	
		US- 5,289,082	02/22/1994	Komoto	
		US- 5,381,042	01/10/1995	Lerner et al.	
		US- 5,442,234	08/15/1995	Liang	
		US- 5,491,362	02/13/1996	Hamzehdoost et al.	
		US- 5,660,461	08/26/1997	Ignatius et al.	
		US- 5,803,579	09/08/1998	Turnbull et al.	
		US- 5,808,325	09/15/1998	Webb	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 7-283441	10/27/1995			X
		JP 7-312446	11/28/1995			X
		JP 5-205879	08/13/1993			X
		JP 8-154150	06/11/1996			X
		JP 3016636	10/09/1995			X

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Complete if Known

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Art Unit	2823
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U. S. PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 97/48134	12/18/1997			

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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